

WADSWORTH CENTER
NEW YORK STATE DEPARTMENT OF HEALTH
ENVIRONMENTAL LABORATORY APPROVAL PROGRAM

Proficiency Test Report

Lab Id: 11642 USGS NATIONAL WATER QUALITY LABORATORY
 EPA Lab Code: POB 25046-MS 407-BLDG 95
 CO00009 DENVER, CO-80225-0046
 UNITED STATES
 (303) 236-2000
 Director: MR. MERLE SHOCKEY

Shipment Date : 24-Jan-2005
 Closing Date : 10-Mar-2005
 Score Date : 29-Mar-2005

This report may contain data that are not covered by the NVLAP accreditation.

** Indicates NVLAP accredited analyte evaluated using the USEPA's National Standards for Water Proficiency Testing Studies Criteria Document.
 NVLAP Lab Code 200387-0. ELAP is an A2LA accredited Proficiency Testing Provider. Certificate Number 1785.01

Shipment: 280 Non Potable Water Chemistry

Analyte Name	Units	Sample ID	Method	Result	Mean/Target *	Warning Limits	Acceptance Limits	Score
Sample: Non Potable Water Metals I and II								
Aluminum, Total ** EPA Code: N/A	ug/L	8011	USGS I-4471-97	3100	3040 *	2760 - 3300	2620 - 3440 115 passed out of 123 reported results.	Satisfactory
Aluminum, Total ** EPA Code: N/A	ug/L	8011	USGS I-4472-97	2870	3040 *	2760 - 3300	2620 - 3440 115 passed out of 123 reported results.	Satisfactory
Arsenic, Total ** EPA Code: N/A	ug/L	8011	USGS I-4063-98	290	290 *	258 - 325	241 - 341 148 passed out of 157 reported results.	Satisfactory
Barium, Total EPA Code: N/A	ug/L	8011	USGS I-4471-97	843	844		725 - 963 128 passed out of 132 reported results.	Satisfactory
Barium, Total EPA Code: N/A	ug/L	8011	USGS I-4472-97	843	844		725 - 963 128 passed out of 132 reported results.	Satisfactory
Beryllium, Total ** EPA Code: N/A	ug/L	8011	USGS I-4471-97	747	752 *	675 - 814	640 - 849 120 passed out of 125 reported results.	Satisfactory
Beryllium, Total ** EPA Code: N/A	ug/L	8011	USGS I-4472-97	705	752 *	675 - 814	640 - 849 120 passed out of 125 reported results.	Satisfactory
Cadmium, Total ** EPA Code: N/A	ug/L	8011	USGS I-4472-97	29.1	29.9 *	26.4 - 33.5	24.6 - 35.3 160 passed out of 176 reported results.	Satisfactory
Cadmium, Total ** EPA Code: N/A	ug/L	8011	USGS I-4471-97	37.7	29.9 *	26.4 - 33.5	24.6 - 35.3 160 passed out of 176 reported results.	Unsatisfactory <==
Cobalt, Total ** EPA Code: N/A	ug/L	8011	USGS I-4471-97	129	130 *	118 - 141	113 - 147 94 passed out of 101 reported results.	Satisfactory
Cobalt, Total ** EPA Code: N/A	ug/L	8011	USGS I-4472-97	133	130 *	118 - 141	113 - 147 94 passed out of 101 reported results.	Satisfactory
Chromium, Total ** EPA Code: N/A	ug/L	8011	USGS I-3233-93	820	820 *	750 - 891	715 - 927 156 passed out of 164 reported results.	Satisfactory